

# Abstracts

## Asymptotic Evaluation of Resonant Frequencies for Two Coupled Circular Microstrip Disk Resonators

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*T.M. Habashy and J.A. Kong. "Asymptotic Evaluation of Resonant Frequencies for Two Coupled Circular Microstrip Disk Resonators." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 577-579.*

For two coupled circular microstrip disk resonators in the limit of small substrate thickness, a matched asymptotic expansion approach is used to derive asymptotic formulae for the resonant frequencies. The mode coupling effects are clearly demonstrated.

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